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(54) THROMBOSIS PREVENTIVE AND THERAPEUTIC AGENT CONSISTING OF XANTHONE DERIVATIVE OR ITS ESTER AS EFFECTIVE COMPONENT

(57)Abstract:

PURPOSE: To obtain a thrombosis preventive and therapeutic agent (anti-platelet agglutination agent, arrhythmia therapeutic agent, vasospasm therapeutic agent) consisting of a xanthone deriv., etc., as effective components.

CONSTITUTION: The objective therapeutic agent consisting of a xanthone deriv. of the formula [R1 to R8 are each H, OH, a lower alkoxy, a lower acyl, a lower alkanoyl, A (A is pentose, hexose, a disaccharide consisting of pentose and hexose)] or its ester as the effective component. The compd. of the formula is obtd. by chlorinating trimethoxybenzoic acid to form trimethoxybenzoyl chloride, bringing the chloride into a Friedel-Crafts acylation reaction and bringing the resulted reaction mixture into a cyclization reaction. The compd. of the formula is administered in an oral, injection or suppository form by dividing the daily dose of 10 to 500 mg to 1 to several times a day.

